

Amendments to the Specification:

Please replace the paragraph at page 89, lines 26-28 of the application-as-filed, with the following amended paragraph:

In parallel with the increase in total thymocytes post-castration, there was a marked increase in CD25+ regulatory cells (FIG. 48A) (~~data not shown~~). There was no such change in the spleen (FIG. 48B) (~~data not shown~~).

Please replace the paragraph at page 90, lines 4-8 of the application-as-filed, with the following amended paragraph:

There was a marked increase in total thymocytes (data not shown) (~~FIG. 48A~~) and spleen cells (data not shown) (~~FIG. 48B~~). There was also a marked increase in thymic regulatory cells (CD25+ and NKT cells). The cytokines from these mice maybe influencing the effector T cells and modulating their potential pathogenicity. By immunohistology, the castrated mice had a normal thymic architecture and a loss of the B cell follicles (data not shown).